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THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

H. Alpar, et al.

Serial No.: 09/937,068

Filed: September 20, 2001

For: VACCINE COMPOSITION

GROUP ART UNIT: unknown

EXAMINER: unknown

December 5, 2001

Attorney Docket No. 41577/263898

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231, on December 2, 2001

Assistant Commissioner  
for Patents  
Washington, D.C. 20231

Dean W. Kimm  
Signature

INFORMATION DISCLOSURE STATEMENT

Dear Sir:

Pursuant to 37 C.F.R. §§ 1.56, 1.97, and 1.98, Applicants identify the materials listed below and on the modified forms PTO-1449 accompanying this submission:

U.S. PATENTS

<u>Number</u>	<u>Inventor</u>	<u>Date</u>
5,562,910	Daynes, et al.	October 8, 1996
5,650,155	Cornelius, et al.	July 22, 1997

NON-U.S. PATENT DOCUMENTS

<u>Number</u>	<u>Country/Region</u>	<u>Date</u>
19603649	Germany	August 7, 1997
0283085	Europe (EPO)	September 21, 1988
0571671	Europe (EPO)	December 1, 1993
2306684	France	November 5, 1976
1290141	United Kingdom	September 20, 1972
WO 94/20070	WIPO/PCT	September 15, 1994
WO 96/05810	WIPO/PCT	February 29, 1996

WO 98/30207  
WO 99/01498

WIPO/PCT  
WIPO/PCT

July 16, 1998  
January 14, 1999

#### OTHER MATERIALS

K. Griffin, et al., "Immune Responses to V Antigen of Yersinia Pestis Co-encapsulated With IFN- $\gamma$ : Effect of Dose and Formulation," Vaccine, 1998, pp. 517-21.

B. McBride, et al., "Protective Efficacy of a Recombinant Protective Antigen Against Bacillus Anthracis Challenge and Assessment of Immunological Markers," Vaccine, 1998, pp. 810-17.

J. Eyles, et al., "Intra Nasal Administration of Polylactic Acid Microsphere Co-encapsulated Yersinia Pestis Subunits Confers Protection From Pneumonic Plague in the Mouse," Vaccine, 1998, pp. 698-707.

B. Jahn-Schmid, "Immunoreactivity of Allergen (Bet v 1) Conjugated to Crystalline Bacterial Cell Surface Layers (S-Layers)," Immunotechnology (2), 1996, pp. 103-113.

Abstract of Japanese Patent Document No. 7118170 (May 9, 1995).

Copies of the listed materials are enclosed. Applicants do not concede that the identified materials, or any of them, constitute prior art within the meaning of the United States patent laws. Applicants believe the non-English-language documents may be relevant at least because cited in the International Search Report for the PCT version of the above-referenced application.

Applicants are submitting this paper within three months of the filing of the application and accordingly believe no fee is due. Alternatively, Applicants submit this paper before receipt of an Office Action concerning the merits of the invention claimed in the application and thus, for this reason, believe no fee is due. See 37 C.F.R. § 1.97(b). However, if

Applicants' beliefs are mistaken, the Assistant Commissioner is authorized to debit deposit account No. 11-0855 for any such fee presently due.

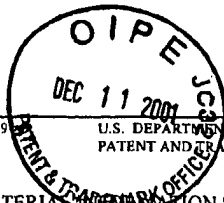
Respectfully submitted,



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Form PTO-1449 7	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTORNEY DOCKET NO.: 41577/263898	SERIAL NO.: 09/937,068
MATERIAL INFORMATION STATEMENT (Use several sheets if necessary)		APPLICANT: H. Alpar, et al.	
		FILING DATE: September 20, 2001	GROUP: Unknown

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
TKE	5,562,910	10/08/96	Daynes, et al.			
TKE	5,650,155	07/22/97	Cornelius, et al.			

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	NO
TKE	19603649	08/07/97	Germany NO English translation				
TKE	0283085	09/21/88	Europe (EPO)				
TKE	0571671	12/01/93	Europe (EPO)				
TKE	2306684	11/05/76	France NO English translation				
TKE	1290141	09/20/72	United Kingdom				
TKE	WO 94/20070	09/15/94	WIPO/PCT				
TKE	WO 96/05810	02/29/96	WIPO/PCT				
TKE	WO98/30207	07/16/98	WIPO/PCT				
TKE	WO99/01498	01/14/99	WIPO/PCT				

## OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

TKE	K. Griffin, et al., "Immune Responses to V Antigen of Yersinia Pestis Co-encapsulated With IFN- $\gamma$ : Effect of Dose and Formulation," Vaccine, 1998, pp. 517-21.
TKE	B. McBride, et al., "Protective Efficacy of a Recombinant Protective Antigen Against Bacillus Anthracis Challenge and Assessment of Immunological Markers," Vaccine, 1998, pp. 810-17.
TKE	J. Eyles, et al., "Intra Nasal Administration of Poly-lactic Acid Microsphere Co-encapsulated Yersinia Pestis Subunits Confers Protection From Pneumonic Plague in the Mouse," Vaccine, 1998, pp. 698-707.
TKE	B. Jahan-Schmid, "Immunoreactivity of Allergen (Bet v 1) Conjugated to Crystalline Bacterial Cell Surface Layers (S-Layers)," Immunotechnology (2), 1996 pp. 103-113.
TKE	Abstract of Japanese Patent Document No. 7118170 (May 9, 1995)

EXAMINER: L. K. Fuld	DATE CONSIDERED: 12/01/03
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

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